DOCUMENT RESUME

ED 392 398 IR 017 684

AUTHOR Grandgenett, Neal; And Others
TITLE McMillan Magnet School: A Case History of a School Acquiring a Critical Mass of Computer Technology and Internet Connectivity.
INSTITUTION Nebraska Univ., Omaha. Coll. of Education.
SPONS AGENCY Mid-Continent Regional Educational Lab., Aurora, CO.
PUB DATE 14 Nov 95
NOTE 77p.; Contains illustrations which may not reproduce clearly.
PUB TYPE Reports - Research/Technical (143)

EDRS PRICE MF01/PC04 Plus Postage.
DESCRIPTORS Case Studies; Corporate Support; Curriculum Development; Ethnic Groups; Grade 7; Grade 8; *Internet; Junior High Schools; Lesson Plans; *Magnet Schools; Nontraditional Education; *Partnerships in Education; School Business Relationship; Secondary Education; *Technological Advancement; Urban Schools; Voluntary Desegregation
IDENTIFIERS *Connectivity; *Nebraska (Omaha); Technology Integration; World Wide Web

ABSTRACT

McMillan Magnet Center is located in urban Omaha, Nebraska, and specializes in math, computers, and communications. Once a junior high school, it was converted to a magnet center for seventh and eighth graders in the 1983-84 school year as part of Omaha's voluntary desegregation plan. Now the ethnic makeup of the student population is about 50% black and 50% white, with a few other minorities. This document seeks to archive McMillan's success in its mission to become a technology magnet school, including nationally recognized achievements in technology integration and Internet connectivity. McMillan's technological leadership came about thanks in large part to a financial partnership with US West (formerly Northwestern Bell) encouraged by U.S. Senator Bob Kerrey. McMillan has played an important role in the history of the Internet in Nebraska and continues to break new ground. Its current technology resources and curriculum, the location of its world wide web site, and details about its staff development practices are also discussed. Appendices provide: (1) schematics of the magnet center's local area network (LAN); (2) an outline for seventh grade orientation; (3) an outline used as an introduction to the Internet; (4) a copy of the student Internet agreement; (5) a letter to parents; (6) a sample computer lab activity form; (7) a sample Internet project lesson plan; and (8) several web page printouts. (BEW)

****
* Reproductions supplied by EDRS are the best that can be made *
* from the original document. *
****

U.S. DEPARTMENT OF EDUCATION
Office of Educational Research and Improvement
EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)
☐ This document has been reproduced as received from the person or organization originating it.
☐ Minor changes have been made to improve reproduction quality.
• Points of view or opinions stated in this document do not necessarily represent official OERI position or policy.

ED 392 398

McMillan Magnet School:

A Case History of a School Acquiring a Critical Mass of Computer Technology and Internet Connectivity

Prepared by:
Office of Internet Studies
Teacher Education Department, College of Education
University of Nebraska at Omaha

Contributing Authors:
Neal Grandgenett, Ph.D., Neal Topp, Ph.D., Robert Pawloski, Pam Mooney, Kerry Newman, Robert Goeman, Wayne Fisher

Submitted to:
Mid-continent Regional Educational Laboratory
Aurora, Colorado

November 14, 1995

IR017684

"PERMISSION TO REPRODUCE THIS MATERIAL HAS BEEN GRANTED BY
Neal Grandgenett
TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)."

BEST COPY AVAILABLE

Table of Contents

I. Introduction ..... Page 1

II. McMillan Magnet Center ..... Page 1

III. The History of Internet in Nebraska and McMillan's Role ..... Page 2

IV. Current Technology Resources at McMillan ..... Page 6

V. McMillan Technology Curriculum & Integration ..... Page 6

VI. McMillan's Home Page on the WWW!! ..... Page 8

VII. Staff Development ..... Page 8

VIII. Summary ..... Page 9

IX. Appendices ..... Page 11

- A. McMillan LAN w/Schematics (7 pp)
- B. 7th Grade Orientation Outline
- C. Introduction to the Internet Outline
- D. McMillan Student Internet Agreement
- E. Letter to Parents
- F. Computer Lab Activity Form (sample)
- G. Internet Project -- Lesson Plan (sample)
- H. Web Page Printouts
    1) McMillan Home Page
    2) Administration Page
    3) Principal & Asst. Principals (3 pp)
    4) Logo/ logo contest, Internet Mission (2 pp)
    5) Student Pages Index (10 students = 17 pp)
    6) Teachers' Index (4 pp)
    7) PTSA Web Page
    8) US West Adopt a School Partnership Page
    9) America First Adopt a School Page (2 pp)
    10) US West Programming Contest

Introduction

This document seeks to archive the successful pursuit of an urban metropolitan junior high school in its mission to become a technology magnet school as an integral part of a large metropolitan school district's voluntary desegregation plan. Sharing the successes of this school's nationally recognized achievement in technology integration and implementation of Internet connectivity will serve as a starting point for a more extensive case study, and a model for other schools in their efforts to bring today's technology into the hands of all educators and students across our country and the world.

McMillan Magnet Center

McMillan is a math, computer, and communications magnet center in the primarily urban Omaha Public School District (OPS) in Omaha, Nebraska; and has been recognized by the United States Department of Education as a Presidential Exemplary School in 1984-85. Located in North Omaha, a predominantly African-American, lower socioeconomic area, McMillan has 78 professional staff and a student population of 893 students in the seventh and eighth grades. The ethnic make-up of the student population is about 50% Black and 50% White, with a few other minorities. This balance is due to the Magnet Program. 65% of McMillan students participate in the federally subsidized school lunch program. In the 1983-84 school year McMillan was converted to a magnet school from a 7-8-9 junior high following the trend to middle schools, and more importantly as a key part of Omaha's voluntary desegregation plan.

McMillan Magnet Center was the first junior high in the state of Nebraska to have a Macintosh computer, a laser printer, and a local area network (LAN). It was this educational technology leadership that brought U.S. Senator Bob Kerrey to visit one fall day in 1991. Kerrey had seen an Internet demonstration at MidNET, a regional Internet provider. Later that day at McMillan, the Senator suggested these engaging global resources on the Internet be made available to junior high students. That same night Kerrey was on a community broadcast with officials from US West. On the air he challenged them to facilitate and sponsor a direct 56 KB connection to the Internet for McMillan. Within two days meetings occurred among McMillan

technical and administrative personnel, US West and MidNET. Extensive consulting was also provided by the Computing & Data Communications Department of the University of Nebraska at Omaha (UNO). Within two weeks wiring, routers, and connections were being installed. Thus, McMillan was the first junior high in Nebraska with a dedicated Internet connection, and furthermore, one of the first in the country.

An integral part of McMillan's ascension to a model technology school has been its partnership with US West (then Northwestern Bell) since 1983. Besides providing the leased lines for Internet access, US West has sponsored computer purchases, and cooperated in facilitating a yearly Computer Expo at McMillan for Eastern Nebraska and Omaha Metro junior highs, including a programming contest. In addition, US West has encouraged student excellence with recognition dinners for the families of 20 achieving McMillan students each quarter, and sponsorship of the McMillan Connection Mentoring Program. Students in turn have performed at various US West functions, baked cookies for employees, and represented their Adopt-A-School (title of US West's program) partners by working at such events as the Special Olympics.

The History of Internet in Nebraska and McMillan's Role

Like many plains and western states, Nebraska's large geographical expanse often places schools considerable distances from external resources such as art museums, college libraries, and other centers of culture and science. Also, Nebraska's mostly rural setting often results in limited budgets, making it a difficult task to keep the school's collection of instructional resources and references adequate and current. All of these factors make it difficult for Nebraska's primarily rural educators to combine relevant materials with daily classroom instruction.

Since the early 1980's, many Nebraska educators began to realize that computer technology, specifically telecomputing, held a promise of enhancing classroom instruction through the electronic acquisition of resources and reference material. Some teachers dreamed of the day when they could bring at least a portion of the outside world into their classroom via the telephone lines. Initially, a few Nebraska preK-12 educators did

experiment with electronic communication and collaboration, using their computers and 300 baud modems, through such programs and projects as FrEdMail, K12net, and Iris. Included in this group of pioneers was Kelly Nicklin, then computer coordinator at McMillan (Kelly is now serving as the Omaha School District's Internet Facilitator). Successes were very exciting but limited by both the capability and resources of the early systems.

Toward the end of 1991, there were discussions between the Nebraska Department of Education (NDE) Technology Center and the University of Nebraska-Lincoln (UNL). A pilot project was planned where UNL would provide a link to the Internet for Nebraska preK-12 educators if NDE would come up with the Unix host email server. In mid-1992, with the financial help of the Nebraska Math and Science Initiative (NMSI) and the technical help of UNL, the NDE Technology Center purchased a multi-user Sun SPARC station computer that was connected to the Internet at UNL. Most educators had to make a long distance call to access this new host computer, therefore connectivity was limited. Two "800" lines were then installed to minimize the long distance costs for preK-12 educators dialing in. Some fortunate educators were also able to connect to the NDE host computer by making a local call to near-by state colleges or universities, all of which had at least 56K leased line connections to Internet. Over 2,500 preK-12 educators requested accounts on the host computer in less than a year. The overwhelming popularity of "free" Internet access and the subsequent heavy use of the 800 lines caused NDE to considerably over-run the pilot project budget. Costs aside, the pilot Internet project proved to be an excellent strategic move.

During the 1992-1993 school year, several events transpired to help move the technology to the next level. First, the State Division of Communications had been working diligently with the state's 42 telephone companies, to build a statewide network "backbone" using Frame Relay technology. Nebraska needed a statewide network backbone and Frame Relay was an excellent cost effective beginning. Secondly, the chairperson of the State Legislature's Education Committee, State Senator Ron Withem, held hearings across the state on the needs of Nebraska educators. Because of the many "grass roots" teacher Internet accounts across the state and their enthusiasm for Internet,

one consistent message kept coming to Senator Withem from teachers: "...we need more and better connectivity to the wonderful resources of the Internet."

Realizing the popularity and potential of this new resource for preK-12 education, the Senator consulted with Melodee Landis, Director of the NDE Technology Center and Jim Lewis, NMSI Program Director. There was a need for more network hub sites to be distributed across the state. It was determined that the Educational Service Units (ESU's) were geographically situated across the state and made excellent sites for the regional hubs: Plus, they made excellent regional sites for Internet training and support. Many school districts, state legislators, and ESU personnel visited McMillan during this time in order to investigate what direct Internet connectivity could do to transform the way students learn.

Hence, LB 452 was drafted, introduced to the state legislature, passed, and subsequently signed by the Governor on March 4, 1993. LB 452 required the ESU's to install equipment and a direct connect to NDE for subsequent school connectivity to Internet, and to provide training and support to users. Tax authority was granted to fund the ESU telecomputing effort, and guidelines were established informing districts and schools what they must do to participate. By April 1, 1994 the "switch was turned on" at the ESU sites.

Schools could either direct connect via 56 KB line to their ESU or dial-in, in most cases, long distance. A few schools in the local exchange of the ESU's could dial-in with no long distance charges. Whether local or long distance, dial-in to Internet usually means only one computer and one modem. Long distance dialing results in variable monthly phone charges that are difficult to budget for and control.

Though technically more difficult and initially more expensive, a 56 KB direct connect at the school means multiple simultaneous users. As the McMillan pilot showed, consistent monthly leased line fee makes the budgeting process easier. Furthermore, the theory developed that the 24-hour leased line connectivity would provide the added benefit of local dial access to the Internet from home through the schools direct connect. It was discovered

that even if adequate funding existed, the technical hurdles were just too much to overcome for even the most motivated schools.

Considering the aforementioned difficulties, several of the telephone companies in the state provided their technical expertise to make a "one-stop shopping" process out of the various details of a direct connect to Internet for schools including such things as equipment acquisition, installation, configuration, and ordering of the 56 KB leased line. With a strong infrastructure in place across the state as a result of LB 452 and excellent training available at the ESU's, there was statewide exponential growth of teacher Internet account use. This served to heighten the demand for more school Internet connectivity. McMillan became the starting point for Omaha Public School's own Internet server from their local Educational Service Unit #19. Due to this heightened demand for Internet connectivity on the part of schools the Legislature was again petitioned during the 1995 session to provide additional funding directly to schools to help with the "last mile." Hence, LB 860 was drafted, instructed to the state legislature, passed, and subsequently signed by the Governor in June, 1995.

LB 860 provides for, as its first priority, the direct connect of every school building in the state to the Internet by June 30, 2000. As a subsequent priority every school building in the state is to be computer network wired. Essentially, LB 860 is intended to bring Internet to every school, and in turn distribute it to every classroom. Progress is steadily being made in the area the telecomputing infrastructure statewide. A number of schools have already joined McMillan with 56 KB direct connects to Internet via their ESU's from their districts. Other schools started to realize the value of local network wiring of their buildings, and McMillan saw another surge of visitors from fellow Nebraska educators.

As LB 860 funds accelerate Internet connectivity, not only those teachers in the early 80's who dared to dream, but all Nebraska educators are beginning to see the world come into classrooms all across the state via the Internet. The availability of the vast resources of the Internet may facilitate many changes in the Nebraska educational community.

Current Technology Resources at McMillan

McMillan has an extensive Ethernet LAN with appropriate repeaters and bridges throughout the building (see Appendix A) to allow an Internet capable computer in every classroom. 42 computers in lab situations also have direct access to the Internet. A 1994-95 school year grant from US West provided each teacher with a Mac LC 475 or Power PC 6100/60, the Ethernet drops in each room, and 8 LCD panels for large screen projection of computer display. Including those which do not have Internet capability, McMillan has a total of 346 computers. Other technology available to teachers at McMillan for use in their classes include 6 external CD ROM drives, 6 PowerBooks, 6 QuickCams, 1 digital camera, 1 video camera, 2 laser disks with bar code programming, and a wide assortment of software and CD ROM titles.

One and a half full-time certified staff provide general technology support, network administration, and instruction of computer/Internet classes. The full-time coordinator, Kerry Newman, maintains the three servers on the network, while Bob Goeman in the half-time position, troubleshoots workstation and wiring. One full-time paraprofessional is responsible for lab sign-up, supervision, and provides assistance to teachers from all curricular areas who bring their classes to the labs.

McMillan Technology Curriculum & Integration

All seventh and eighth graders are required to take five classes, one from each of Language Arts, Social Studies, Math, Science, PE and Health/Human Growth and development. Students in each grade select courses to fill two classes per day. Among the elective classes are Intro to Computer/Keyboarding for seventh grade. In this class students are introduced to computer applications, programming, history, ethics, careers and given instruction in touch typing.

Eighth grade students can choose either Computer Applications, Computer Programming (requires permission from instructor/counselor), or Computer Problems 1-2. The applications class provides instruction in word processing, data bases, spreadsheets, graphics and page layout in a individual or group project setting. Computer Programming presents programming as a structured thought process applied to such problems as data handling,

graphics and simple games. Computer Problems provides opportunities in independent programming projects, searching and sorting techniques, team programming and writing programs for another person.

This fall all students went through a computer orientation at beginning of school year. This was scheduled during the Core Class Period in order to reach all students. Seventh grade students went through 4 days of introduction to computer (see outline in Appendix B). This orientation consists of logging onto the network, ClarisWorks (word processing, painting, formatting, copy and pasting, and creating slide shows), and an additional one day Introduction to the Internet (Appendix C). At this session students are to complete Student Internet Agreements (Appendix D), and a letter to the parents (Appendix E) was sent out with the school year's first monthly newsletter. Eighth grade students went through only 3 days of computer orientation and the one day Internet session.

After the orientation process teachers were then free to sign up for lab time. Teachers could then expect students to function in the lab setting. Labs available include Room 216 with 30 Mac Classics, and Room 215 with 30 LC 580's with Internet access. Room 216 is available for any teachers to sign up by filling out a form (Appendix F) to describe the desired lab activity. Room 215 is available on a sign-up system, primarily used for a seventh grade social studies pilot project (explained below). Other teachers may sign up for Internet projects in this lab also. Teachers who want to do an Internet project with their students must fill out the Internet Project Lesson Plan (Appendix G), in which they identify objectives, specify URL's to be used in the project, and prepare some kind of guide or worksheet for their students.

The seventh grade core department chair was approached this year by her supervisor and other instructional personnel to pilot an innovative social studies program. Funding was a combination of "magnet monies" and the voluntary willingness of the department to forgo the purchase of individual text books. As was mentioned above, the "Internet Lab" is primarily available to this pilot program on a regular basis. Some of these activities involve the Internet and others are CD ROM centered.

McMillan math classes have made use of TI-81 graphing calculators, Geometry Sketchpad Software, SlideShow presentations about mathematicians and graphing of data utilizing ClarisWorks. They have used Netscape to link to the Geometry Forum. Science students have also created SlideShows about scientists. Furthermore, they make navigational HyperCard stacks about different species of animals and visit World Wide Web links to Operation Frog, The Planets, Wonderful World of Insects, and other scientific sites.

McMillan's Home Page on the WWW!!

McMillan is running WebStar Web Server software on a Mac LC 475, with 8M of RAM and a 250M hard drive, to publish their own pages on the World Wide Web (http://204.234.89.150). The eighth grade Computer Problems Class has programmed the HTML for these pages. Through the drawing of names each student took some responsibility for each part of the page. Proofreading and checking for grammar is an ongoing process, as the entire site is evolving and "under construction."

Printouts of all pages are included in Appendix H. They include factual information about the school and the staff, links to pages about their partners (US West, Parent Teacher Student Association, and another business partner, America First), programming contest details, and some individual student "personal pages".

Staff Development

There are regular inservice days set aside by the OPS district during the school year. The most recent included a 40 minute exploration on a 3 section rotation of Netscape, Advanced Email, and System 7.5. Summer inservice funds are available for teachers, allowing them to participate in training in the use of scanners and slide shows with ClarisWorks.

Two special early-release half-day inservices were sponsored by this year's grant from US West. During this time the entire staff was split up in small groups at various sites around the district and given the equivalent of Internet I and II - training usually provided to OPS teachers on a first-signup-first-serve basis. Internet I training is required to get an email account.

Internet II includes some more advanced topics such as Gopher, FTP, and WWW. This whole process gave McMillan Magnet Center a major jump-start to getting the entire staff started on the Internet this year.

In the works for the current school year and beyond, are inservices during teacher planning periods to include QuickCam, Listservs, and Using Data from the Internet. Some teachers are already programming HTML to make pages, and teacher creation of their curriculum on Web pages will be a topic for future inservices.

Summary

As McMillan has evolved into an outstanding technology based middle school, many factors have helped facilitate this innovative educational environment. First, there seemed to be a "vision" of the district and school in their desire to indeed be a leader in the use of educational technology, and then later in the use of the use of the Internet. Second, experimentation and leadership by individual staff at the school was encouraged, resulting in "innovation" that often came from the individual teachers themselves. Third, a strong corporate partnership was sought and maintained, in this case with US West, to help draw upon the expertise of the business world. Finally, McMillan actively drew upon ongoing leadership within the state of Nebraska, and collaborated with numerous institutions and individuals, including Senator Bob Kerry, the State Department of Education, and the University of Nebraska at Omaha.

What this historical case study of McMillan most seems to reveal is that such technological innovation and leadership within a school does not come quickly, but rather evolves slowly, facilitated by a strong vision, where curricular "risk taking" is permitted and even encouraged. The McMillan of today is no doubt a result of the contribution of many individuals and institutions, but most importantly those of the teachers and school administrators. McMillan would not have evolved into such a model environment, unless both teachers and administrators shared a common vision, and worked diligently to implement that vision together.

McMillan is indeed an institution for learning which can provide a "model"

to other schools and districts. This school is evidence that systematic effort and collaboration can eventually result in innovation and excellence. As a progressive educational environment, it will no doubt continue to be a model to other institutions, and most importantly provide an outstanding learning environment for its students.

Author Affiliations

Neal Grandgenett, Ph.D., is an associate professor in the Teacher Education Department, College of Education, at the University of Nebraska at Omaha, and is a co-director of the Office of Internet Studies, UNO. grandgen@unomaha.edu

Neal Topp, Ph.D., is an assistant professor in the Teacher Education Department, College of Education, at the University of Nebraska at Omaha, and is a co-director of the Office of Internet Studies, UNO. topp@unomaha.edu

Robert Pawloski is an Omaha area educational consultant, specializing in Internet applications and WWW page development.

Pam Mooney is a graduate assistant in the Office of Internet Studies, UNO.

Kerry Newman is a technology coordinator at McMillan Magnet Center, Omaha Public Schools.

Robert Goeman is a teacher and technology coordinator at McMillan Magnet Center, Omaha Public Schools.

Wayne Fisher is the Internet specialist for the Nebraska Department of Education.

Appendix A
McMillan LAN w/Schematics

Computers and Technology at McMillan

Every classroom has a machine that will run Internet. (8 meg ram)

Room 218: 20 apples--used by math classes primarily, knowledge bowl also uses these machines for drill and practice.

Room 214 :

Computers:	10 student quadras 2 teacher power macs 3 scanners (one color and two black and white) 1 laser printer (spooled on the network)
Classes:	3 year long classes -- will be encouraged to use as a multi-media communications and gifted lab.

Room 215:

Computers:	30 lc 580 student computers-capable to run Internet 1 laser printer (spooled on the network)
Classes:	on a sign-up system used primarily for pilot program for 7th grade social studies. (explained later). Other teachers may sign up for Internet projects in this lab also.

Room 216:

Computers:	30 mac-classics --student computers 1 laser printer (spooled on the network)
Classes:	Regular sign up lab available to all teachers

Room 217:

Computers:	24 computers (mac plus's and classics) 1 laser printer (spooled on the network)
Classes:	8 sections of 8th grade computer classes- so that computers could be used daily

Room 218:

Computers:	24 computers 1 laser printer (spooled on the network)
Classes:	8 sections of 7th grade computer classes so that computers could be used daily

Room 206:

Computers:	1 teacher computer 30 student computers 1 laser printer
Classes:	8 typing classes

** There are other Apples dispersed throughout the building--teachers are using them primarily for drill and practice

Network

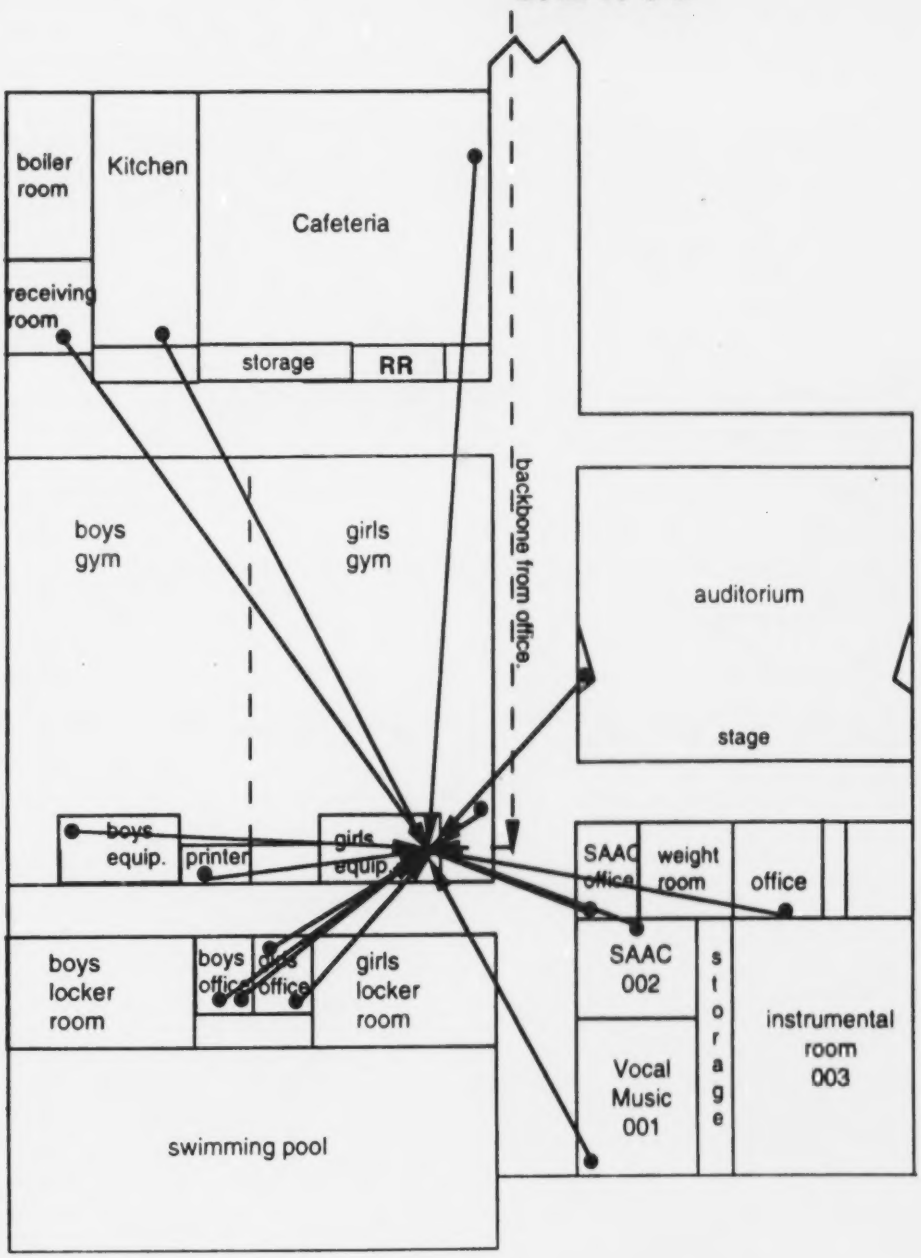
Router - routes the ethernet signal through the building
Repeater - repeats the signal to different parts of the building
- Part 1 - South End
- Part 2 - North End
- Part 3 - West End
- Part 4 - Upstairs Computer rooms

(must use repeater to repeat signal if longer than 300 feet.)
Hubs - splits the signal into different word stations
Coaxial Wire - wire between hubs
Level 5 Wire (twisted pairs) - wire from hubs to workstations
Fiber - optic wire - from building to portables.

* See attached Maps

Servers:
Macintosh Workgroup server 60 (for students, last name M-Z) 500 MB Hard drive
Macintosh Workgroup server 6150 (for students, last name A-L) 500 MB Hard drive
Macintosh IIsi (server for staff) - 250 MB Hard Drive

Building Network-West
8/21/95

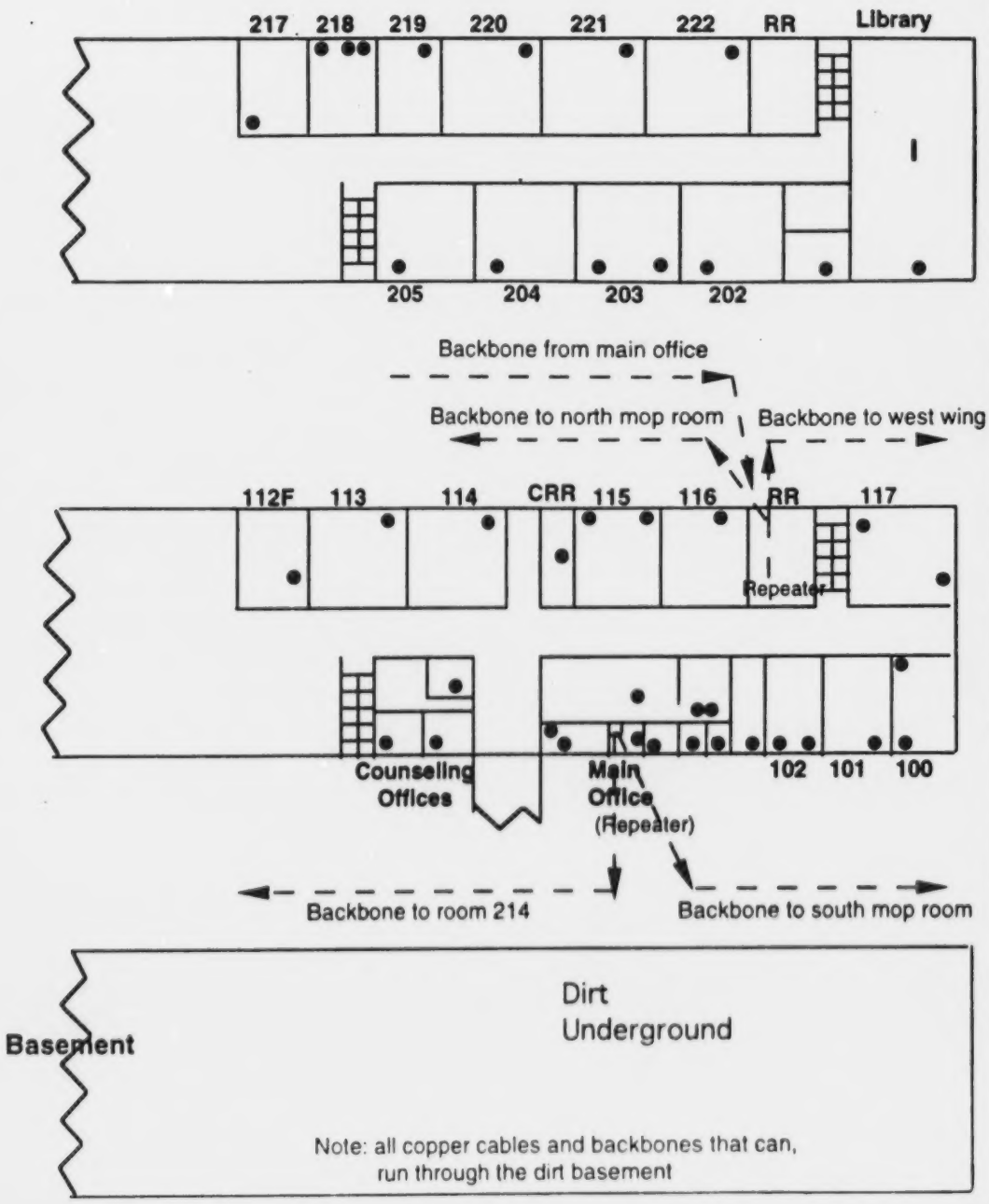


hub #1 (top)
Girls PE
Girls PE
Boys PE
Boys PE
Band Rm.
Music Rm.
Cafeteria
Detention
S. Gym
SAAC Rm.
Receiving
Kitchen

hub #1 (bottom)
N. Gym
Printer(coach)
Stage
Empty
Empty
Empty
Empty
Empty
Empty
Empty
Empty
Empty
Empty

**Note: all copper cables and backbones that can, run through the dirt basement.

Building Network-South End
8/28/95



hub #1
(back)
front hub
221
222
library
library
217 F
Empty
Empty
Nurse
100A
100B
101

hub #1
(front)
back hub
202
203A
203B
204
205
217A
217B
218A
218B
219
220

hub #2
(middle)
121B
back office P.
102A
102B
A.P. office
112F
113A
113B
114
CRR
115A
115B

hub #3
(bottom)
116
117A
117B
118
119
120
121A
122
main office
123
124
125

*** Specific Notes are on the back of this diagram

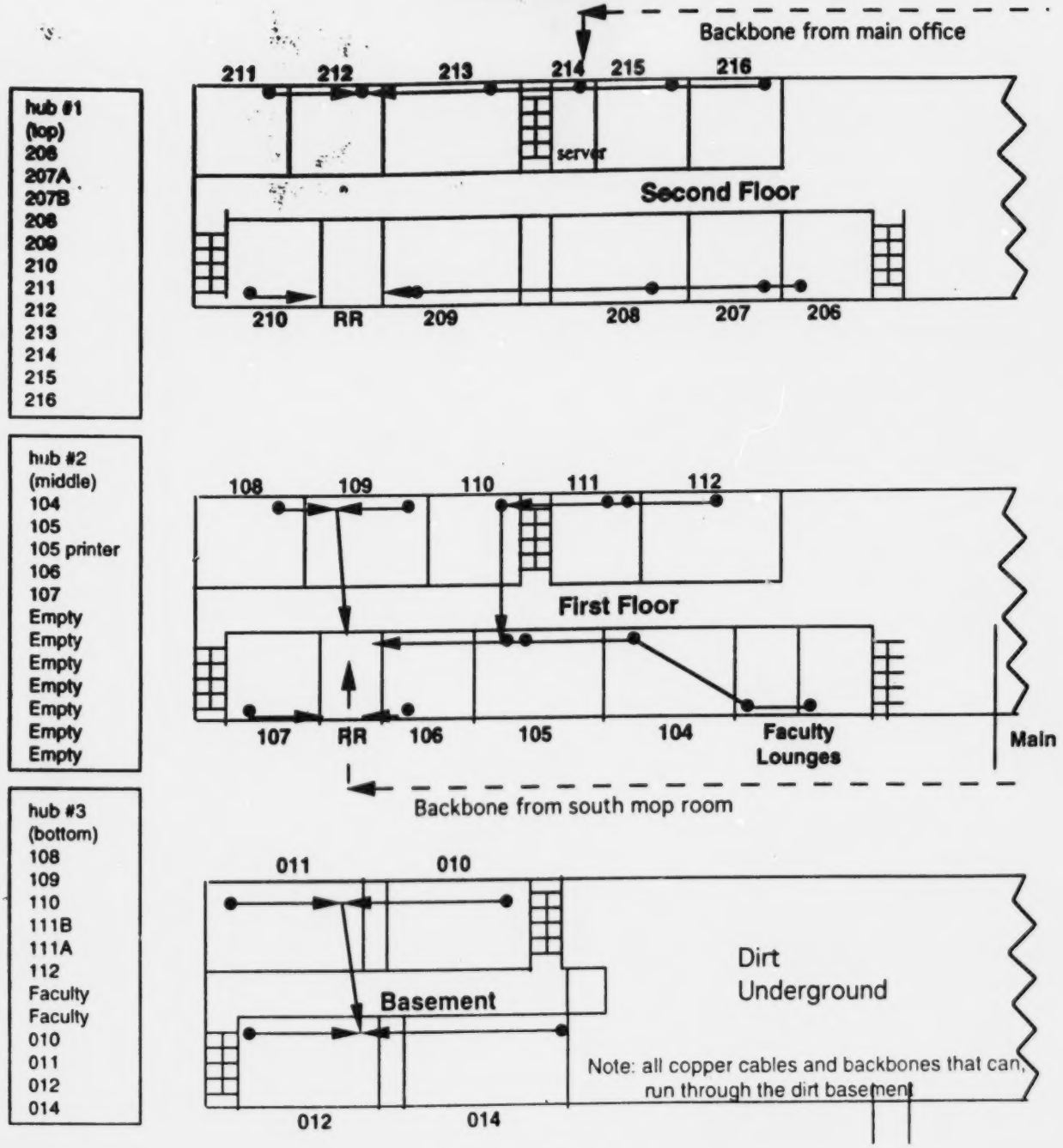
BEST COPY AVAILABLE

**217, 218, 219, 220, 221, and 222 wires all run to room 222 and go through the floor across the ceiling of the boys restroom and over to the custodial mop room.

**205, 204, 203, 202, and the library run through the floor of 202 and through the ceiling of 101 and into the custodial mop room.

**The counselor offices, main offices, 102, 101, 100, 112F, 113, 114, CRR, 115, 116, and 117 run through the dirt basement and up through the floor of the first floor custodial mop room.

Building Network-North End
8/28/95



*** Specific Notes are on the back of this diagram

BEST COPY AVAILABLE

**211, 212, 213, 214, 215,and 216 wires all run to room 212 and go through the floor across the ceiling of room 109 and over to the custodial mop room.

**210 runs the length of the room and then through the floor and across the ceiling of 107 and into the custodial mop room.

**206, 207, 208, and 209 run through the floor of 209 and through the ceiling of 106 and into the custodial mop room.

**The Faculty Lounges, 104, 105, 111, and 112 run through the dirt basement and custodial room through the hallway ceiling and up through the floor of the first floor custodial mop room.

**106, 107, 108, and 109 run through the ceiling of the basement rooms and over through the floor of the first floor custodial mop room.

**010, 011, 012, and 014 run through the ceiling of the rooms and over through the first floor custodial mop room.

Appendix B
7th Grade Orientation Outline

7th grade orientation:
Outline

I. Day 1
- A. Welcome and introductions
- B. Lab Rules
- C. Behavior expectations
- D. Overview of the week
  1. Intro to the Mac
  2. Word Processing-text editing and formatting
  3. Painting
  4. Creating a slide show
  5. Introduction to the internet
- E. Check to see how many in computer or keyboarding class
- F. Mouse terminology and use
  1. Introduction to terms
     - a. Point
     - b. Click
     - c. Double Click
     - d. Drag
       - (1) Experiment with Calculator
       - (2) Figure out how many days old
       - (3) Drag it around screen but return to center when done
  2. Software
     - a. mousing around
     - b. amazing
- G. Log in -- following a strict step by step procedure
- H. Log out

II. **Day 2**
   A. Log in, but DO NOT open Student Servers
   B. Open Practice WP file on the hard drive
      1. Follow instructions on editing the practice file
         a. inserting / deleting
         b. Tabs
         c. line spacing
         d. justification
         e. hi-liting and changing size,style, and font
      2. File quit the practice file and do not save
   C. Double click the student servers and get into their files and open ClarisWorks WP file
   D. Follow instructions and type their autobiographical paragraphs
   E. Save these paragraphs to their files
   F. Log off

III. **Day 3**
   A. Log in, open their Servers and get into their folders
   B. Click on any old ClarisWorks file
   C. File New and get a paint file
      1. Intro to tools (handout)
      2. Start creating the map of the state where you were born
      3. Save the map in your file
   D. May begin one of the extra paint file options
   E. Log off

IV. **Day 4**
   A. Log in, open their Servers and get into their folders
   B. Click on any old ClarisWorks file
   C. Follow instructions and type in name poem
   D. Follow instructions to create a slide show
   E. View slide show
   F. Log off

V. **Day 5**
   Intro. to the internet (see separate hand out)

Appendix C
Introduction to the Internet Outline

I. Introduction to the internet

A. Explanation of internet

1. *sign agreements*
2. *History of netscape (people magazine article)*
3. *Terms*
   a) www
   b) net
   c) graphical browser
   d) textual browser
   e) surf
   f) search tools (engines)
   g) site
   h) URL
   i) link

B. Main Menu Bar

1. *bookmarks*
2. *options (preferences)*

C. Netscape Tool Bar

1. *back*
2. *forward*
3. *home*
4. *stop (Big N)*

D. OPS Server

1. *Surf any of the following*
   a) Current Weather
   b) School pages
   c) Curriculum links (any area)
   d) Professional Resources
      (1) building support training program
   e) Other Links
      (1) fun stuff

E. File Open Location

1. *Type any of the following*

http://www.pollstar.com
http://www.discovery.com
http://vivarin.pc.cc.cmu.edu/lyrics.html
http://espnet.sportszone.com
http://www.mtv.com
http://wings.buffalo.edu/world
http://www.cbs.com
http://ngp.ngpc.state.ne.us
http://www.foxsports.com

F. Searching

1. OPS HOME button-key word on index card
   a. Search tools-more search tools

BEST COPY AVAILABLE

Appendix D
McMillan Student Internet Agreement

McMillan Student Internet Agreement

It is a privilege to have access to the Internet. I know the World Wide Web has a vast amount of resources for me. However, I also understand that on the net there are materials and items that are not appropriate for school. In signing this agreement I am acknowledging that I am responsible for anything I bring onto my screen. Any action I take using the Internet that is not considered school related or appropriate will result in 1) a referral to the office where it will be dealt with on an individual basis and 2) denial of Internet access.

Student Signature_____

McMillan Student Internet Agreement

It is a privilege to have access to the Internet. I know the World Wide Web has a vast amount of resources for me. However, I also understand that on the net there are materials and items that are not appropriate for school. In signing this agreement I am acknowledging that I am responsible for anything I bring onto my screen. Any action I take using the Internet that is not considered school related or appropriate will result in 1) a referral to the office where it will be dealt with on an individual basis and 2) denial of Internet access.

Student Signature_____

Appendix E
Letter to Parents

Dear Parent/Guardian:

I have the privilege of informing you that McMillan now has a fully equipped Ethernet Computer Lab. This means that our students will now have access to the Internet. I have written this letter in hopes that we can better inform you as to what this entails.

The Internet, specifically, the World Wide Web, has a vast amount of resources for our students. For example, they can access anything from current weather satellite photos, up-to-the minute video tape in the space shuttle, an electronic zoo, sounds from the Tropical Rain forests, the Nebraska Game and Parks Commission, the White House, and much more.

Because the Internet has no owner and allows total publishing freedom, there are some inappropriate items on the net. However, we are aware of this and it's ramifications for our students. I feel it is important to let you know what we are doing at McMillan concerning student Internet access.

1. All students will be given an Internet orientation.
2. Students will sign an agreement stating that they are responsible for their actions on the Internet.
3. There will be no student on the Internet unless completely supervised by a certified teacher.
4. All Internet projects will be carefully designed and practiced before students will engage in them.
5. The Internet lab has been arranged so that all screens may be viewed and supervised.

It has always been McMillan's mission to provide the best possible education for our students. Providing our students with access to the Internet is directly related to this mission. I hope you are also excited about the Internet . If you have any questions about student access to the Internet please feel free to call me at McMillan.

Thank You,

Kerry Newman
Computer Coordinator

Appendix F
Computer Lab Activity Form (sample)

Teacher_____

Dates and Hours in lab 1-2-3-4 6 & 7

Applications used in project (ClarisWorks word processing,i.e.)

ClarisWorks word processing and picture

Project planned (briefly describe):

Project Attached

Name_____

Fruit and Vegetable Project

Fruits

honeydew melon	kumquats	pomegranates
tangerines	star fruit	kiwi
plantains	avocado	cranberries
currants	raspberries	blueberries
persimmons	papayas	mango
gooseberries	blackberries	figs

Vegetables

asparagus	artichoke	zucchini
leeks	okra	brussel sprouts
parsnips	eggplant	kale
turnip	lima beans	pumpkins
mushrooms	cabbage	spaghetti squash

Any other fruit or vegetable choice must be approved by you teacher.

There are 2 parts to this project:

1. Information report on fruit or vegetable. This must be completed in specified format and must be word processed. The report must answer the following questions. (3-4 sentences on each question).
   - A. Description of the fruit or vegetable, include color of the inside and outside, size it can grow to, what time of year it is in season.
   - B. Nutritive value
   - C. Country and climate needed for growth
   - D. Selection and storage
   - E. Other interesting information about the fruit or vegetable.

2. A hand drawn or traced picture of fruit or vegetable- in color and a recipe containing your fruit or vegetable.

Appendix G
Internet Project -- Lesson Plan (sample)

Internet Project -- Lesson Plan

1. Name___ ___ _____

2. Subject Social Studies

3. Grade / Hours 7th

4. Objectives: Students will be able to:
   1) Describe the geographical features of their country.
   2) identify the religion, language, nationality.
   3) Describe the government and economy of their country
   4) Explain any travel advisories that may be in effect for their country

5. Sites / URL's on the Internet you wish your students to use during this project:

http://www.city.net/regions/middle_east

http://www.yahoo.com/Regions/Countries/

6. Every Internet project must be driven by a teacher-created worksheet. This worksheet may just provide instructions or guides. It may be a sheet with questions and places for students to make observations. Please attatch this student worksheet to this form.

Thanks!

Students will be doing a mock news interview when they are finished in the lab. They will pretend to be a citizen from their country and answer questions in a news format. This will be vidotaped.

RESEARCH SHEET
MIDDLE EAST

NAME:_____

1. Name of country:_____

2. Geography:
   a. Location:_____
   b. Total area:_____
   c. Climate:_____
   d. Terrain:_____
   e. Natural Resources:_____
   f. Land Use:_____
   g. Environment:_____
      _____
      _____

3. People:
   a. Population:_____
   b. Life expectancy:_____
   c. Nationality:_____
   d. Ethnic Divisions:_____
   e. Religions:_____
   f. Languages:_____
   g. Literacy rates:_____

4. Government:
   a. Type:_____
   b. Capital:_____
   c. Independence:_____
   d. National Holiday:_____

4. Economy:
   a. Exports: commodities_____
      partners_____

   b. Imports: commodities_____
      partners_____

   c. Industries_____

   d. Agriculture_____

   e. Currency_____

5. Communications:
   a. Ports_____

   b. Airports_____

6. Defense:
   a. List Branches_____

Go back to the main menu for your country. Click on TRAVEL/TOURISM TRAVEL ADVISORY. Now explain any travel advisories for your country. Write your answer on the following lines.

_____
_____
_____
_____
_____
_____
_____
_____
_____

DAY FOUR IN INTERNET LAB

1. Finish your worksheet.

2. Go to http://www.yahoo.com/Regional/Countries/

   Get any new info. on your country. Write down as much as you can. Take notes on paper!

3. Search for these key words:

   Hammurabi
   Torah
   Islam
   Muslim
   Qur'an (Koran)
   Sunni
   Shi'a
   OPEC
   Persian Gulf War
   shah
   Palestinian Liberation Organization
   kibbutz
   Yasser Arafat
   United Nations
   Anwar Sadat
   Ayatollah Khomeini
   Suez Canal
   Judaism
   Christianity

   See if these will help with your country information.

Oct 20

Internet Project -- Lesson Plan

1. Name_____ _____

2. Subject 7th Science

3. Grade / Hours 1 3 4 5 6 7

4. Objectives:

Introduce Students to entomology, insects arachnids etc

5. Sites / URL's on the Internet you wish your students to use during this project:

http://www.nrm.se/en/info.htm

http://bluehen.ags.udel.edu/insects/description/entohome.htm/

see Attached sheet - I highlighted them for you

6. Every Internet project must be driven by a teacher-created worksheet. This worksheet may just provide instructions or guides. It may be a sheet with questions and places for students to make observations. Please attatch this student worksheet to this form.

Thanks!

Entomology Internet Project

ENTOMOLOGY http://www.nrm.se/en/info.htm

1. What is entomology?_____

SCROLL DOWN

2. Insects have three body regions, name them _____,_____ and_____.
3. Insects have _____pair of legs.
4. Arachnids include _____,_____,_____and _____.
5. Arachnids have _____pair of legs.
6. Myriapods are _____.
7. Two examples of myriapods are _____ and _____.

ORDER DIPTERA http://bluehen.ags.udel.edu/insects/description/entohome.html

1. Diptera means _____
2. Common examples of the order diptera are_____,_____ and _____
3. Larvae of the Order Diptera are often called _____.
4. Make a comment about the economic impact of this order.

_____

GO BACK TO ORDER CHOICES- CHOOSE ONE TO EXPLORE

1. What order did you choose? _____
2. Name several insects that belong in this order. _____,_____ and_____
3. List several characteristics required to be in this order.

_____

_____

GUEST INSECT http://www.geopages.com//capitolhill//1687/iofweek.html

1. What is the guest insect of the week?_____
2. Where is the insect from?_____
3. What information did you learn from the insect?_____

_____

4. Did the insect talk about it's enemies? _____ Name them_____

_____

5. Did the insects talk about it's friends? _____ Name them_____
6. If you could choose a guest insect what would you choose?_____

WONDERFUL WORLD OF INSECTS http://www.ex.al.ak/~gjlramel/six.html

1. How many insect species are there?_____

SCROLL DOWN

2. How many orders are there?_____

SCROLL DOWN TO "When everywhere is home"

3. Name four places insects live _____, _____, _____ and _____.

SCROLL DOWN

4. The biggest insect is the _____ beetle from _____.
5. The longest insect is the _____.

SCROLL DOWN TO "The Incredible Ants"

6. Why do we call them social animals?_____
7. How much Biomass do ants and termites make up of all the animal biomass? ____
8. If time explore on. Explain what you found.

_____

INSECTS ASIDES http://www.ex.ac.uk/~gjlramel/asides.html

Myths and Medical Wonders

1. What were earwigs thought to help cure?_____
2. How are some beetles used _____ _____ and _____ for _____.
3. Beg bugs were thought to cure _____.
4. Bee stings were thought to be a remedy for _____.

Delights of Food and Drink

Name three insects that are used as food and the cultural group associated with the food.

	Food	Cultural Group
1.		
2.		
3.		

INSECT ANATOMY http://www.ex.ac.uk/~gjlrames/anatomy.html

1. An insects body is divided into three main parts _____, _____ and _____.

SCROLL TO ANTENNAE

2. Antennae are used as _____ organs. Some insects use them to

_____

SCROLL TO EYES

3. Insects have _____ eyes that have many _____.

SCROLL TO MOUTHPARTS

4. Name the five mouthparts of insect: _____,_____
_____,_____,_____

INTRO TO ARTHROPODS http://www.ex.ac.uk/~gjramel/arthropod.html

1. Arthropods comprise _____% of the animal kingdom.
2. Three characteristics of Arthropods are 1) _____
2)_____ and 3)_____

ORDER DIPTERA http://www.ex.ac.uk/~gjlramel/diptera.html

1. What is the common name for this order?_____
2. How do common flies differ from other insects?_____

SCROLL DOWN TO SPIDERS AND FLIES

3. One enemy of the fly is the _____. Why?_____
4. Can some flies eat spiders?_____ Name one._____

SCROLL DOWN TO MOSQUITOS

1. What does mosquito mean in Spanish?_____
2. Why do mosquitos suck blood?_____
3. Why do mosquitos need to live near water? _____

SCROLL DOWN

List three other flies and identify one feature of each.

1._____
2._____
3._____

VIEWING IMAGES www.colostate.edu/depts/entomology/images.html

1. List and describe some of the pictures you viewed.

_____

Appendix H
Web Page Printouts

1) McMillan Home Page
2) Administration Page
3) Principal & Asst. Principals (3pp)
4) Logo/ logo contest, Internet Mission (2 pp)
5) Student Pages Index (10 students = 17 pp)
6) Teachers' Index (4 pp)
7) PTSA Web Page
8) US West Adopt a School Partnership Page
9) America First Adopt a School Page (2 pp)
10) US West Programming Contest

	Welcome to McMillan Magnet Center On-line! 3802 Redick Avenue Omaha, Nebraska 68112 Omaha Public School Web Page	
McMillan News **Administration** **Kids of all ages** **Staff**	**Partners in our Education** **PTSA** **US West** **America First**	**Our Community North Omaha** **General Info** **On-Line Businesses** **History**
US West McMillan Programming Contest **General Information** **Sample Problems**	**Omaha Public Schools**	**Internet News** **About our Logo** **Our Internet Mission** Curriculum/Projects

McMillan Magnet Center
phone 557-4500
3802 Redick Avenue
Omaha,Nebraska 68112

- Administrators

- Mr. Thomas A. Lowndes----------Principal
- Ms. Sue M. Roberts----------Assistant Principal A-K
- Mr. Delmar R. Givehand----------Assistant Principal L-Z

- Counselors

- Mrs. Sarah Mungin----------A-E
- Mr. Douglas Priebe----------F-K
- Ms. Barbara Bartling----------L-R
- Mr. Larry McClain----------S-Z

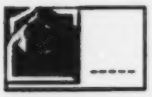
McMillan is a math, computer, and communications magnet center. McMillan has been recognized by the United States Department of Education as an Exemplary School.

Staff and students at McMillan believe that learning is an important aspect in life. We also belive technology is the gateway to the future. For this reason we have five computer labs, two of which are connected to the internet, and a computer in every classroom that is also conncted to the net.

McMillan is located in North Omaha at 3802 Redick Avenue. We have 78 professional staff, approximately 25-30 support staff, and 893 students in the seventh and eighth grades. We have a variaty of unusual extra curriculr activities including the Hackey Sack Club, Mac Attack, a prayer group,Chess Club, Foreign Language Club, and a Math Club.

School begins at 7:35 and goes until 2:30. Some of the extras that we have for the supreme achivers include the 100% club and the honor roll in which people are chosen once every quarter. We also are involved in the National Jr. Honors Sociiety and we have a school board called the student avisory. The student advisory discusses activities going on in the school.

GREETINGS FROM MR. LOWNDES



Mr. Tom Lowndes, born in Sioux City, Iowa, is the principal at McMillan Magnet Center. He went to several colleges including: Ba Briar Cliff College, Ma University of South Dakota, and Eds University of Nebraska. Mr. Lowndes was a administrator for 14 years before he became a principal in "95". Before he came to McMillan he was the Supervisor of Speacial Education in Glenwood State Hospital and the Director of REM Group Home.

When Mr. Lowndes has spare time, he likes to play the guitar, basketball, softball, and golf. He has two girls named Abby and Megan. Mr. Lowndes said that his favorite childhood memory was playing basketball all day and hanging out with friends till 10 p.m. Mr. Lowdnes ends this interview saying he loves McMillan, its staff, and students.

About McMillan's Assistant Principal Ms. Sue Roberts

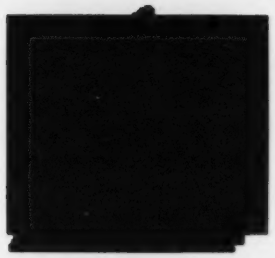
Ms. Sue M. Roberts is the assistant principal for McMillan students with last names A-K. This is her first year at McMillan, but Ms. Roberts has been with OPS for 10 years. Before that, she was a lawyer for Legal Aid. She attended college at St. Olaf College in Minnesota. After that, she went to the University of Nebraska at Lincoln (UNL).

Born in Lincoln, Nebraska, Ms. Roberts' favorite childhood memory is playing outside with all the neighborhood children in the summer. She enjoys watching the Cornhuskers play or going to their games, working in her garden, reading, and she loves cats. Ms. Roberts does not have any children. Our assistant principal likes McMillan because their is such a friendly staff and overall the students are nice.

About McMillan's Assistant Principal Mr. Delmar R. Givehand

Mr. Delmar R. Givehand is the assistant principal for McMillan students with last names beginning with L-Z. He has been at McMillan 3 years as our assistant principal. Before that he taught Core at McMillan for seven years. He has worked 21 years in education. Before he began at McMillan, he also worked at Benson High School, South High School, and in the office at North High School. Mr. Givehand was born in Omaha, NE and graduated from Central High School. He attended college at Wayne State in Wayne, NE.

Mr. Givehand enjoys working on his lawn and in his garden, and recreational sports. He has three children. All of them have attended or are attending McMillan Magnet Center. Mr. Givehand's favorite childhood memory was going to the professional baseball games in St. Louis with Bob Gibson's brother, Josh.



About the Logo

The above logo was made by ninth-grader Ashley Wingert. He now goes to North High School in Omaha, Ne., and is working with computers even more than last year. I hope that one of the students from my school can make the new one for this year.

This year there is another contest for the school to design a new logo for the school. Here are some of the rules:

- No larger than 1.5" on both sides.
- Must be colorful.
- Lots of detail.
- Must have to do with McMillan and the Internet.

AND

- It must look nice and neat.

So there are the rules for this year's logo contest, and there aren't too many. So follow them, and maybe you'll be the one with your logo on the internet!

Mission Statement
Internet Mission Statement
McMillan Magnet Center
by Thomas A. Lowndes

Our exploration of the world through the Internet will only be limited by our ethical, legal and technological responsibilities. Systematically introducing and orienting staff to all of the possibilities in information, research and communication will provide a valuable foundation. With students receiving thorough lessons by teachers trained on the Internet, a new era of technological advancement will evolve. A global perspective must be instilled in the minds of our staff and students. Our approach to learning and teaching through the Internet will never be the same. We must and well always ask, what more can the Internet tell us?

*as viewed on our Home Page

McMillan Student's Home Pages
Dominique's Web Page

Natalie's Web Page

Steven's Web Page

Melanie's Web Page

Gary's Web Page

Lyndon's Web Page

Aron's Web Page

Chris's Web Page

Keith's Web Page

Dennis's Web Page

Welcome to Dominique's Web Page

My name is Dominique Barnes. I am a student at McMillan Magnet Center. I like to read, play the violin, go shopping, and being with my friends. Last summer my family and I traveled to Texas to go to visit my grandmother. When we got there she took my brother and I to Six Flags.

My Family

Willie my step-dad, has a managing job. My little brother goes to Central Park. He in the fifth grade and could really bother you if he wanted to. I don't have any sisters and I live with my mom, my brother, and my step-dad Willie.

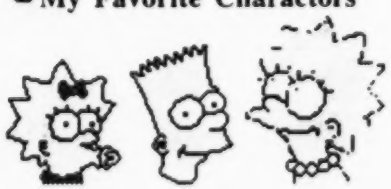
A Little About Me

My favorite song is "Feel the Funk", by Immature, I've been playing the violin for 5 years and I like to be outside with my friends having fun with the friends around my block.

Cool Sites

Music and Concerts
Disney Page
Buena Vista Movies
Lyrics to songs
Omaha Public Schools Home Page
Arts
Sports Page
MTV
Virtual Tour
CBS

My Favorite Charactors



Designed by Dominique

Last Updated September 28,1995

Welcome to
Natalie's Nifty Web Page

★ About Me

My name is Natalie Bunkers. I am an 8th grade student at McMillan Magnet Center.I like to shop, talk on the phone, watch TV, and swim. Last summer my family and I visited my relatives in Iowa. I also got to live on the farm for a week to be a farm girl. I went swimming alot, too.

★ My Family

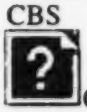
I hve a small family. My mom has an office job here in Omaha. It is near McMillan. My brother, Chas, goes to Hillside Elementary. He is in 5th grade. I don't have any other siblings. My parents are divorced and now I have a super nice step mom. My dad still lives in Omaha. He works at First Data Resources with his wife.

★ My Favorites

I have alot of favorite things. Such as: my favorite color is green. I like to shop at Westroads Mall. Italian food is the best! I could (and probably have) read *The Face On the Milk Carton* a thousand times. Computer is probably my favorite class. I like watching *Ellen* and *Seinfeld*. My favorite movie was *Wayne's World* until I saw *Clueless*.

☺ Cool Sites

Music and Concerts
Disney
Buena Vista Movies
Lyrics of Songs
OPS Home Page
Arts
Sports
MTV
Virtual Tour
CBS

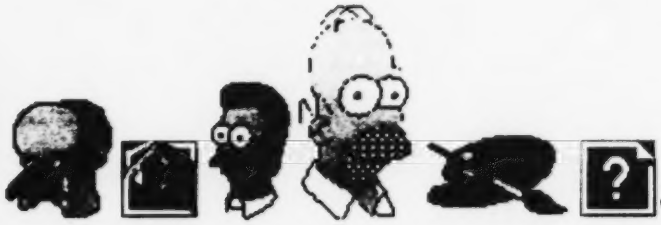


Coat of Arms Designed by Natalie Bunkers
Last updated 9/28/95

Welcome to StevenÕs Steven Page

My name is Steven Eure. I am a Student at Mcmillan Magnet Center. I like to play vidow games, watch TV, go to the movies, and surf the net. Last summer my family and I did to Australia to see the southern constellations. nether did we see if toilets really flushed clock wise in the southern hemisphere.

My Friend restaurant and bar. Bryan, my cousin, is 16 years old, and loves vido games and has a truly amazing collection of baseballcards. Top ten Arcade list By Steven Eure
1.Crusing USA 2.Killer Instict 3.Donkey Kong country 4.Rise of the Robots 5.Donkey Kong 2 6.MortalKombat 7.Sun Setriders 8.Rebbil Asult 9.Sonic CD 10.Mairo All Stars
Music and concerts
Disney
BonJovie
lyrics
OPS
Gilbert



"Last updated 9/19/95"

Coat of arms

Welcome to Melanie's Web Page

About MeI am a student at McMillan Jr. High. I like to hike, swim, read, and go to church. Last summer my family and I traveled to Michigan to see the family and swim. We also went to a restaurant and rode horses.

My Family My my mom, Kathy, is a receptionist at BCI, which is a manufacturer in steel. My dad, Todd, is a salesperson and works on computers at Holigraphics. My stepmother,Paula, is a Librarian at an elementry school in Millard. My brother,Jason, is in sixth grade at Minne Lusa. My sister, Brittany, is a sophmore at North High School. John, my stepbrother, is a sophmore at Central High School. Finally, my stepsister, Ellie, is in fourth grade at Harrison Elementry School.

- cool sites
- music and concert
- Disney page
- Buena Vista
- lyrics

- OPS home page
- art
- ESPN
- MTV
- virtual tour
- CBS
- apple home
- Nebraska Parks and such

coat of arms-designed by: Melanie Lemen

Last updated-September 19,1995

Welcome to Gary's Great Page

My name is Gary Linstrom.I am a student at Mcmillan Magnet Center,It is in Omaha,NE. I like to play basketball,football,and all other sports.I love to go to the Rockie Mountains.My favorite basketball team is the Chicago Bulls,my favorite football team is the Miami Dolphins,and my favorite Baseball team is the Red Sox.

My FAMILYI live with my Mom,Dad,and my two little sisters,Nicole and Tara.My sisters' school is being renovated. They like the school there being bused to right now,better than the school they used to go to.My mom and dad both work in the day time.

REAL COOL SITES

music and concerts
disney movies
Buena vista movies
music lyrics
ops home page
art show
espn sports<\a>
MTV
maps
CBS
cornhuskers

3DO

My family

my pets

Welcome to Lyndon's super hype WebÕs Web Page/hi>

My name is Lyndon I am a student in Omaha, Nebraska I like to hike, watch t.v play sports , and surf the net. Last summer my family and I traveled to Phoenix Arizona to see the my family . We also wanted to see the city of Phoenix Arizona and the West Arena.

My Family My Mom works at Saint Joseph Villa she's a nurses assistance. My Grandmother works at Burke High School she's a cafeteria lady. My Uncle own's his own business. My Uncle is a CPA, MPA, and a CMA.

My friends My friend Craig goes to Norris and my friend Bryan goes to Beveridge and my friend Michael and Nick go to Mc Millan Magnet Center. I met all my friends in the seventh grade. We've been close ever since.

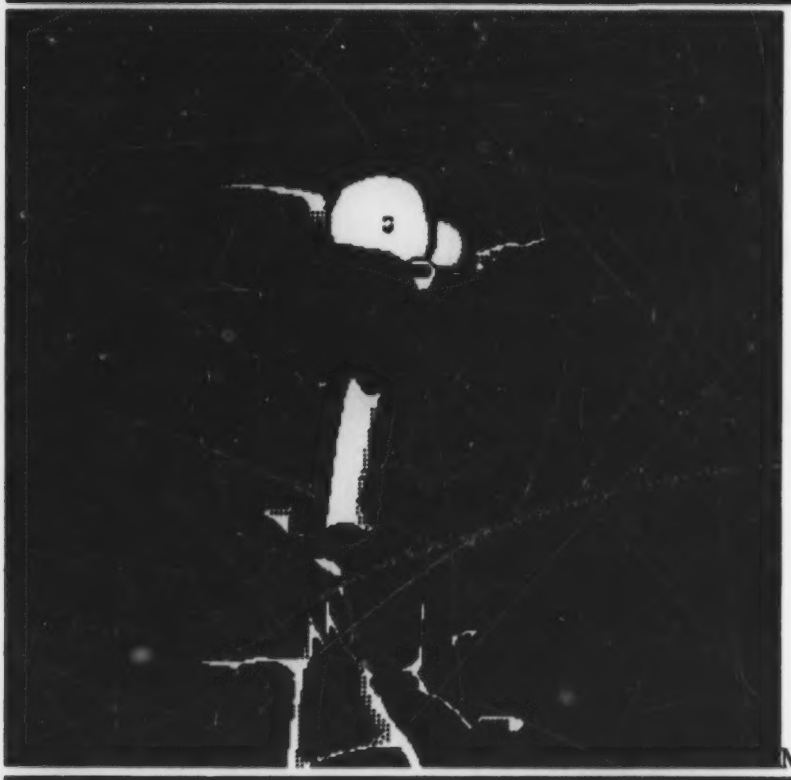
●Cool Sites

music and concerts
Disney
Buena Viesta Movies
Music Lyrics
Ops Home Page
Arts
Espen
Mtv
Virtual Tourists
CBS
Nebraska Huskers
Nintendo
Sega
Nuke
3do
macplay

My family

My pets

My favorite cartoons



Me in the morning

Coat of Arms Designed by Lyndon Orange Last Updated 9/28/95

BEST COPY AVAILABLE

Welcome to Lyndon's super hype WebÕs Web Page/hi>

My name is Lyndon I am a student in Omaha, Nebraska I like to hike, watch t.v play sports , and surf the net. Last summer my family and I traveled to Phoenix Arizona to see the my family . We also wanted to see the city of Phoenix Arizona and the West Arena.

My Family My Mom works at Saint Joseph Villa she's a nurses assistance. My Grandmother works at Burke High School she's a cafeteria lady. My Uncle own's his own business. My Uncle is a CPA, MPA, and a CMA.

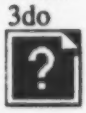
My friends My friend Craig goes to Norris and my friend Bryan goes to Beveridge and my friend Michael and Nick go to Mc Millan Magnet Center. I met all my friends in the seventh grade. We've been close ever since.

●Cool Sites

music and concerts
Disney
Buena Viesta Movies
Music Lyrics
Ops Home Page
Arts

Espen

Mtv
Virtual Tourists
CBS
Nebraska Huskers
Nintendo
Sega
Nuke
3do


macplay

My family

My pets

My favorite cartoons

Me in the morning

Coat of Arms Designed by Lyndon Orange Last Updated 9/28/95

BEST COPY AVAILABLE

Welcome to Aron's Web Page

My name is Aron Seiffert. I am a student in Omaha Nebraska and goto school at McMillan Magnet Center. I am 13 years old. I like to hang out with my friend's, especially my boyfriend, and surf the net. This summer my family and I traveled to South Dakota to see the Black Hills and other cool sites. We also wanted to see Devil's Tower, because my mom likes Close Encounters.

My Family

My mother,Judy, works at Borshiem's. My father works at MHA Software Services. Amy , my little sister, goes to school at Picotte Elementary School. The school is right behind our house.

My Friends

My best friend is **Alexis Weidner**. Her nickname is Pepsi. She is 13 years old. Some of my other friends are **Natalie** "Nat" Bunkers, **Megan** "EEP!" Eker, **Andrea** "Andi" Felber, **Chad** Vail, **Brian** Lindaas, and we can't forget **Lloyd** Gatewood, my boyfriend.

- Music and Concerts
- Disney
- Movies
- Lyrics to Songs
- OPS Home Page
- The Arts
- Sports

- MTV
- Virtual Tourist
- CBS Shows

Coat of Arms Designed by. Aron Seiffert

Last updated 9/29/95

Welcome to Cool Chris's Cosmic Site

Hi, my name is

Chris Thomas

I am a Student at McMillian Jr. High. I like to play Super Nintendo, Sega and work on computers. I also have a very large collection of comics and cards (cosmic and Magic). If any of you reading this page and you have any good cards, I will trade you for them.

My family

I have a large family including two brothers (darn, it!), two parents, a dog, two birds, a gold fish, and an iguana. I am thirteen years old and my brothers are nine and fourteen. I live in a house in Omaha, NE. and I really like it. My address is.... Like I'm going to tell!! Well, see you on the net! Bye, Bye!

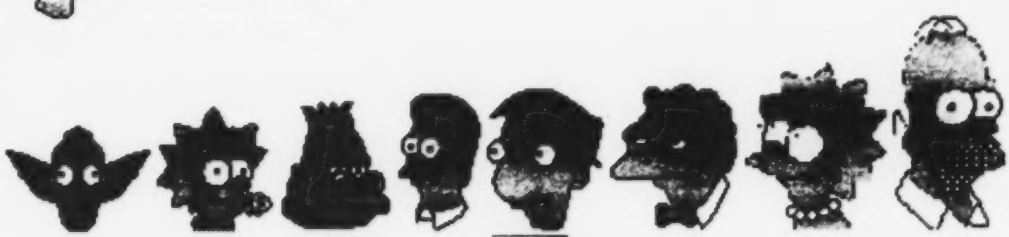
I have my own web page, and you don't!

Oh, yeah! Here are some of my favorite sites!

- Concerts and singers
- Disney news and pictures
- Movies and pictures
- Song lyrics
- Sports highlights and news
- What's on MTV
- World geography
- CBS T.V. and the top ten lists
- OPS home page
- Arts
- Electronic Gaming Monthly
- Why ask why

- Nintendo on-line
- Sega
- 3DO
- Interplay
- Williams Entertainment
- Sony of America
- Viacom
- Electronic Arts
- A Gaming Magizine Link
- The Edge

P.S. here is a picture of my family (I'm the one on the top.)



Coat of Arms Designed By: Chris Thomas

last updated 9/28/95

Welcome to Kool Keith's Web Page

My name is Keith Troutman. I am a student in Omaha, Nebraska. I like to play basketball, watch T.V., play sega, and work on computers. Last summer my family and I traveled to Lincoln to see Morrill Hall.

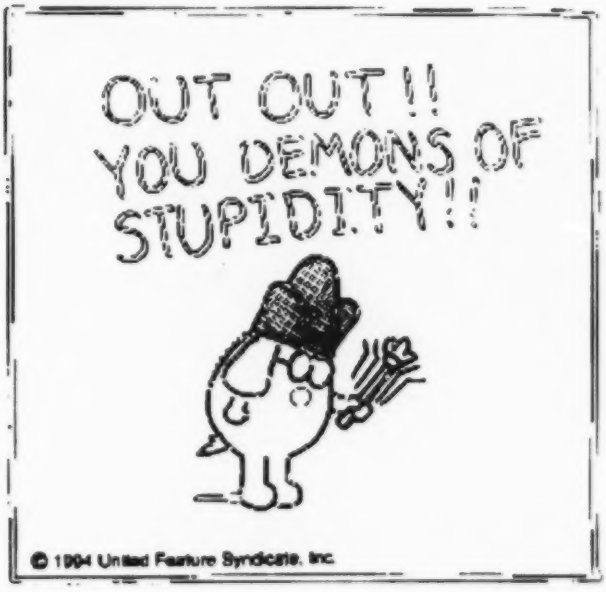
My Family

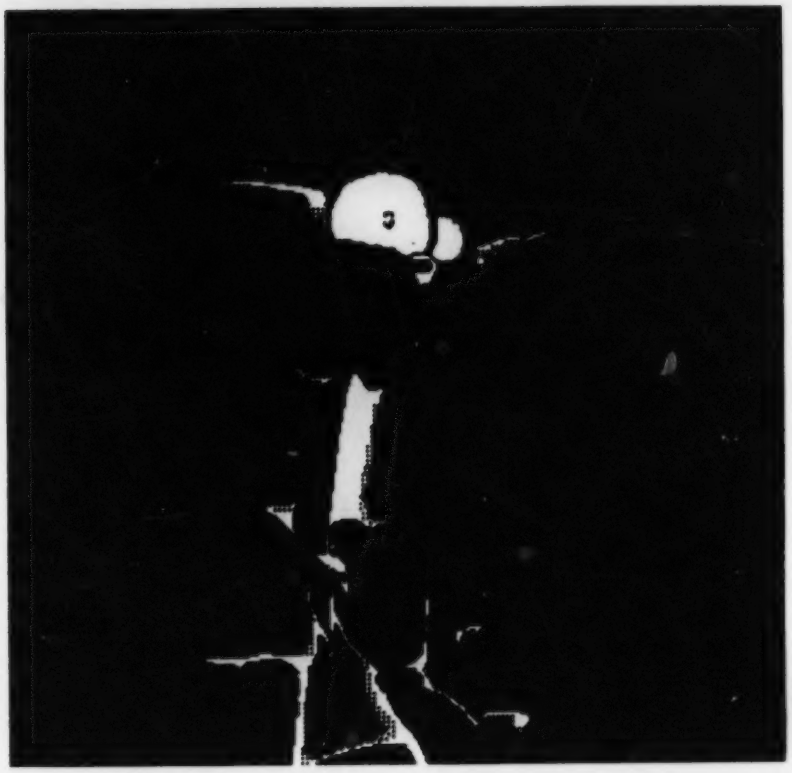
I have a mom, a dad, and 2 brother's(and I'm not happy about it). I have a dog. I live in Omaha, NE. Well, I'm outta here! See you on the net!

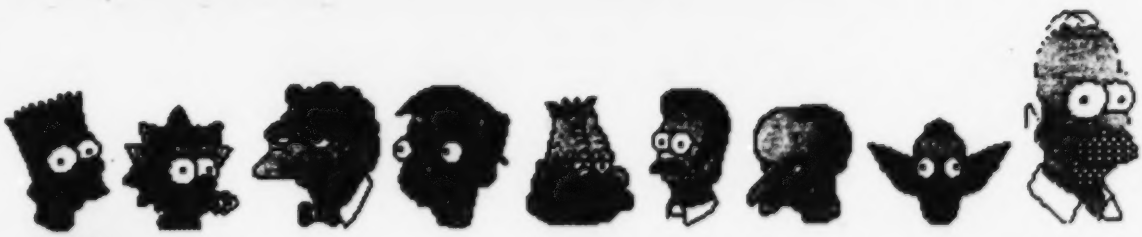
Here are some cool sites!!

- **Music and concerts**
- **Disney**
- **Buena Vista movies**
- **Song lyrics**
- **OPS Home Page**
- **Arts**
- **Sports highlights**
- **Pro Basketball**
- **Pro Football**
- **Sports Illustrated**
- **Fox Sports**
- **Nintendo**
- **T.V.**
- **Nuke 'Em**
- **Sega**
- **Sony of America**
- **EA Sports**
- **Gaming Magazine Link**
- **3DO**

- Interplay
- Williams Entertainment
- Konami
- Viacom
- Huskers Sports
- mtv.com>MTV
- Virtual Tourist
- CBS
- Why Ask Why
- Sci Fi Network
- CNN







Coat of Arms Designed By Keith Troutman
Last Updated-9/28/95

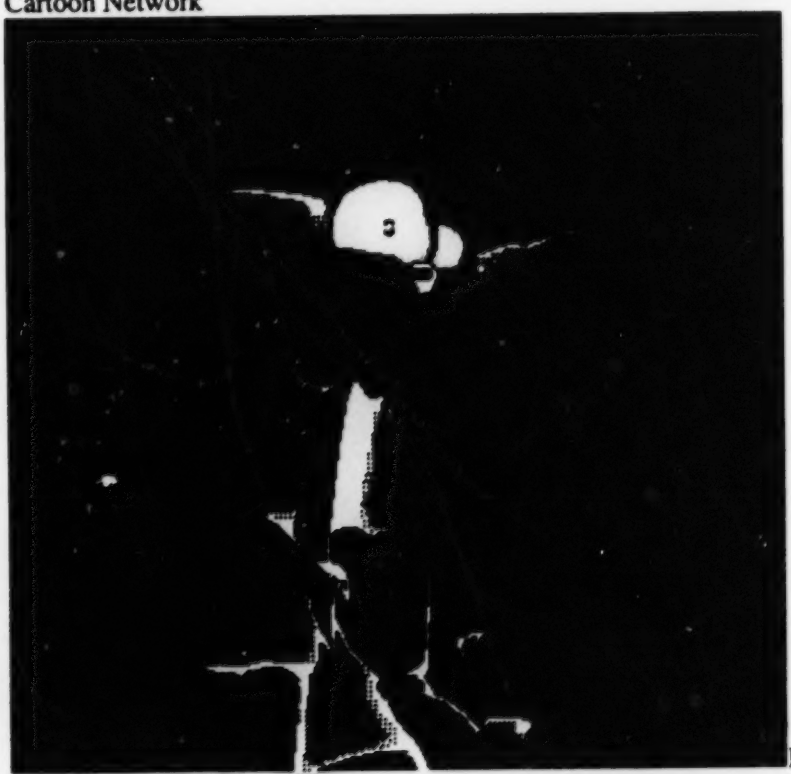
BEST COPY AVAILABLE

Welcome to Double Dennis' (Double D's)

My name is Dennis Winterberg. I am a student in Omaha, Nebraska. I like to jet ski, roller blade, target shoot. I enjoy bike riding also. I hope to be a veterinarian when I graduate from college.

My Family My Mom got a new car a few months ago. Her boyfriend works for Union Pacific Railroad. This summer my mom, me, her boyfriend and his son traveled to Branson, Missouri. He lives in the country. I like to go swimming in his pool. I have got to drive my mom and David's (mom's boyfriend) car.

music and concerts
Disney
Buena Vista movies
song lyrics
Omaha Public Schools
Arts
Sports
MTV
World Tourist
CBS
Why ask Why
Sci Fi Network
Huskers
White House
NASA
Nintendo
3DO
Sega
Cartoon Network



Me in the morning.

Last updated 9-19-95

Staff

These are the teachers of McMillan Magnet Center

A+ Staff A+		
Art	Communications	Computers
7th Grade Core	8th Grade Core	Drama
Family and Consumer Science	Foreign Language	Health and Human Growth and Development
Industrial technology	Instrumental Music	Keyboarding
Library	Math	Physical Education
Science	Special Education	Speech
	Vocal Music	

A+

Art
- **Mr. Acker**
- **Mrs. Glass**

Communications
- **Mrs. Lee**
- **Mrs. Ketcham**

Computers
- **Mr. Goeman**
- **Mrs. Newman**
- **Mr. Pesek**
- **Mr. Olson**
- **Mr. Holiday**
- **Mr. Henderson**

7th Grade Core

- Mr. Nowaczyk
- Mr. Nigh
- Ms. Clausen
- Mr. Kessler
- Mr. Fringer
- Mrs. Kroenke
- Mrs. Hake
- Ms. Erickson

8th Grade Core

- Mrs. Robbins
- Dr. Jackson
- Mrs. Curtis
- Mr. Littlejohn
- Mr. Martin
- Mrs. Turley
- Mrs. Eickelman

Drama

- Mrs. Glass

Family and Consumer Science

- Mrs. Walton
- Ms. Tschetter
- Mrs. Hansen

Foreign Language

- Mr. Goecke
- Mrs. Randall
- Mrs. Wright
- Ms. Rostvitt
- Ms. Matz

Health and Human Growth and Development

- Mrs. Ecklebe
- Mr. Coniglio
- Mr. Floyd
- Mrs. Mingo

Industrial Techology
- Mr. Hansen
- Mr. Benak
- Mr. Troxel

Instrumental Music
- Mrs. Johnson

Keyboarding
- Mrs. James

Library
- Mrs. deShazer

Math
- Mrs. Buerman
- Mr. Mooney
- Ms. Harbison
- Mr. Krause
- Mrs. Colton
- Mrs. Lee
- Mr. Hankins
- Mr. Mayberger
- Mr. Turner

Physical Education
- Mrs. Fitch
- Mr. Tourek
- Mr. Dutton
- Ms. Luna

Science
- Dr. Sutherlin
- Mr. Benak
- Ms. Rath
- Mr. Kennedy

- Mrs. Burke
- Mr. Ramsguard
- Mrs. Lincoln

Special *Education*

- Mrs. Geringer
- Mr. Boyer
- Ms. White
- Mrs. Walters
- Mrs. Mohrbutter
- Mr. White
- Mr. Barr
- Mr. Bowers

Speech

- Mr. Shonkwiler

Vocal Music

- Mr. Henderson
- Ms. Simpson

Welcome to the PTSA Web Page

★ The PTSA stands for Parent Teacher Student Association. Anyone can join for a small $3.00 membership fee (even students!!). $2.00 goes to the Nebraska PTA. $1.00 goes to the National PTA. The PTSA has students help them with ideas for school activities.

★ The National PTA is the largest organization in the world whose only job is to work for the betterment of children and youth. They provide individual PTA and PTSA's with materials, guidance, and leadership information and lobby or government on behalf of children and youth.

★ The officers of the McMillan PTSA are:

- President: John Thomas
- Vice Presidents: Mary Bronson, Jody duRand, Mr. Thomas Lowndes
- Secretary: In need of one at the moment
- Treasurer: Brian Zedan

★ The PTSA sponsors school dance, pictures, candy grams, open house activities, can food drives, all school fund raisers, safwe homes, various student activities, teachers and staff appreciation, and other activities as repuested by students and staff of school.

★ The PTA coordinates McVolunteers Program. It involves 175-200 parents donating volunteer time to help the school with various activities each year.

★ Here are a few upcoming events for the PTSA:
October 16, 1995 PTSA dance 2:30-4:00 PM
October 17, 1995 PTSA Parent Meeting 7:00-8:30 PM

Welcome To U.S West Are Adopt A School Partner

U S WEST one of are adopt a school partners has done many things for are school ,McMillan Magnet Center,and we have done many things in return.Last year McMillan's art club provided holiday posters for U S West's "Toys For Tots"drive and artwork to display artwork in their headquarters,cafateria and loby.

Mcmillan's chourus also entertained at the main headquarters building,while the Home Ec students baked them some cookies.We also helped Co. Sponser a programing contest for students in Metro and Eastern NE.Are Student advisory members doned costumes and helped U S West staff at speeacial olympics .McMillan also helped in Mcmillan conection mentoring program.

U S West hosted are NJHS Induction at the Scoular Building.They also sponsored Black History Month essay contest just for McMillan students.U S West co-sponsered "McMillan Connection"mentoring program.They then provided recognition dinner for familie's of 20 "McMillan students of the quarter"each quarter at the headquarters building. They courteously hosted the luncheon at school for entire staff during teacher apprieciation week.Then U S West generously provided equipment and funding for speacial McMillan events.

America First Adopt a Partnership

All about America First

America First is a International Business delling with business partners. The main executive is Mr.Yany. He started the business by himself. The main headquaters is in Omaha Nebraska. In the Downtown District in the Old Berlington Building next to Centeral Park Mall.

How America First adopted McMillan and what we do for them Dr.Norma Deeb had discussions with Mr. Yany. Mr Yany is Dr. Deeb's Uncle. America First was looking for a school to adopt.They meet at community meeting.
What we do for America First

- **Recognition of America First at all major McMillan activities**
- **McMillan honors chorus, mimes entertained employes at holiday time.**
- **Home Ec students bake cookies, served them to America First Staff**
- **Monthly Recognition in McMillan Newsletter.**
- **Student-Staff-America First volleyball game held as an all school event**

Services Bussiness Provided for School;

- **Hosted field trip to Joslyn Museum for art students.**
- **Provide breakfast,snacks for Teacher Appreciation Day.**
- **Furnished team for Student-Staff-America First fundraising Volleyball Game.**
- **Helped formulate "Kutak Kids" mentoring group from Kutak Rock firm.**
- **Hosted appreciation dinner for McMillan teachers.**
- **Sponsored ACE Program (Attendance, Citizenship, Effort)-ten students selected each quarter from different curriculum areas, and treated to lunch at Spagetti Works.**

●Sponsored history essay contest for McMillan students and awareded three winners each $75 savings bonds.

US West Programing Contest

Welcome to the twelfth annual US West Programing Contest! This year the contest will be held at the U S West Communications on 1314 Douglas On-The-Mall on Thursday, March 14, 1996. Now, that may sound like you can have a long time to put it off, but that is just when the finalist is chosen. The contest deadline is sometime sooner. If your school is interested in participating, please complete the registration before Friday, November 10.

Level I

(Grades 1-6)

This level is for beginners. The team is limited to elementary students only. The final round will put an emphasize on working together when solving the problems. BASIC and Logo will be the acceptable languages for the teams to use. The problem will involve graphics output only.

Level II

(Grades 6-8)

This is for the more experienced students from the Junior High/Middle School students. Each team for this level will consist of four members, and is designed for the teams to work together to design and code the problem. The first round will consist of three parts. The first part of the level two contest is to put a graphic on the screen. The second part will include a mathematical computation. The third part will include research and creating a text document (The Word Processing will not be a part of the Final contest.) BASIC and Logo/Logowriter will be the acceptable languages for the teams. Some of the other languages will be accepted on consent by the judges.